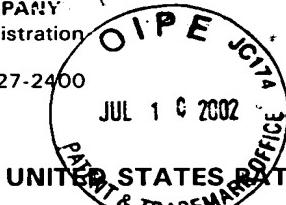


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PATENT APPLICATION

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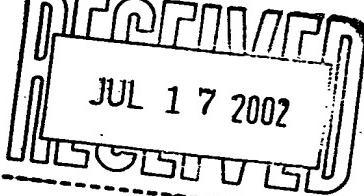
IN THE
UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Michael L. BESSIRE

Application No.: 09/989,652

Filing Date: 11/21/01

Title: A SYSTEM AND METHOD FOR ENSURING THE AVAILABILITY OF A STORAGE SYSTEM



Confirmation No.:

Examiner: Unassigned

Group Art Unit:

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This Information Disclosure Statement is submitted:

- (X) under 37 CFR 1.97(b), or
(Within three months of filing national application; or date of entry of national application; or before mailing date of first office action on the merits; whichever occurs last)
- () under 37 CFR 1.97(c) together with either a:
() Statement under 37 CFR 1.97(e), or
() a \$180.00 fee under 37 CFR 1.17(p), or
(After the CFR 1.97 (b) time period, but before final action or notice of allowance, whichever occurs first)
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() a petition under 37 CFR 1.97(d)(2), and
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(X) Applicant(s) submit herewith Form PTO 1449 - Information Disclosure Citation together with copies, of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56.

() A concise explanation of the relevance of foreign language patents, foreign language publications and other foreign language information listed on PTO Form 1449, as presently understood by the individual(s) designated in 37 CFR 1.56 (c) most knowledgeable about the content is given on the attached sheet, or where a foreign language patent is cited in a search report or other action by a foreign patent office in a counterpart foreign application, an English language version of the search report or action which indicates the degree of relevance found by the foreign office is listed on form PTO 1449 and is enclosed herewith.

It is requested that the information disclosed herein be made of record in this application.

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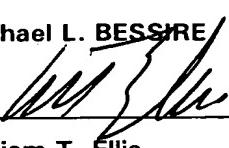
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By _____

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Respectfully submitted,

Michael L. BESSIRE

By 

William T. Ellis

Attorney/Agent for Applicant(s)
Reg. No. 26,874

Date: July 10, 2002

Telephone No.: (208) 396-3597

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STATEMENT BY APPLICANT

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1

of

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Application Number	09/989,652
Filing Date	11/21/2001
First Named Inventor	Michael L. BESSIRE
Group Art Unit	Unassigned
Examiner Name	Unassigned
Attorney Docket Number	084061-0186

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U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
A1	5,537,534			Voigt et al.	07/16/1996	
A2	5,542,065			Burkes et al.	07/30/1996	
A3	5,546,558			Jacobson et al.	08/13/1996	
A4	5,548,712			Larson et al.	08/20/1996	
A5	5,574,863			Nelson et al.	11/12/1996	
A6	5,596,710			Voigt	01/21/1997	
A7	5,604,902			Burkes et al.	02/18/1997	
A8	5,615,352			Jacobson et al.	03/25/1997	
A9	5,623,598			Voigt et al.	04/22/1997	
A10	5,664,187			Burkes et al.	09/02/1997	
A11	5,666,512			Nelson et al.	09/09/1997	
A12	5,960,451			Voigt et al.	09/28/1999	
A13	6,055,604			Voigt et al.	04/25/2000	
A14	6,092,168			Voigt	07/18/2000	

FOREIGN PATENT DOCUMENTS

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A15		Internet Article "The 7 Layers of the OSI Model," Webopedia: Online Computer Dictionary for Internet Terms and Technology, 3 pgs., Copyright 2001 internet.com Corp., http://webopedia.internet.com/quick ref/OSI_Layers.html , October 5, 2001.	
A16		Internet Article "MAC Address," Webopedia: The #1 online encyclopedia dedicated to computer technology, 2 pgs., http://webopedia.internet.com/TERM/M/MAC_address.html , October 5, 2001	
A17		FAIRHURST, Internet Article "Address Resolution Protocol (arp)," January 1, 2001, 3 pgs., http://www.erg.abdn.ac.uk/users/gorry/course/inet-pages/arp.html , October 9, 2001.	
A18		Internet Article "Inter-process Communication," December 14, 1995, 1 pg., Source: The Free On-line Dictionary of Computing, © 1993-2001 Denis Howe, http://www.dictionary.com/cgi-bin/dict.pl?term=Inter-process%20Co , October 5, 2001.	

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Sheet	2	of	2	Application Number	09/989,652
				Filing Date	11/21/2001
				First Named Inventor	Michael L. BESSIRE
				Group Art Unit	Unassigned
				Examiner Name	Unassigned
				Attorney Docket Number	084061-0186

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	A19	Internet Article "How Scanners Work," 3 pgs., Copyright © 1998-2001 Howstuffworks, Inc., http://www.howstuffworks.com/scanner4.htm , September 25, 2001.	
	A20	RUSSELL, Internet Article "Redundant Array Of Inexpensive Disks ("RAID") For Faster, Cheaper Storage," August 23, 2000, 30 pgs., http://peripherals.about.com/library/weekly/aa082300a.htm?iam=ho , September 25, 2001.	
	A21	Internet Article, "How Small Computer System Interface ("SCSI") Works," 11 pgs, Copyright © 1998-2001 Howstuffworks, Inc., http://www.howstuffworks.com/scsi.htm?printable=1 , September 25, 2001	
	A22	Internet Article, "How It Works," 5 pgs. http://webmail.foleylaw.com/exchange/Attach/read.asp?obj=000000046722662679FD41185 , September 27, 2001.	
	A23	STAFFORD, "The How and Why of Windows TCP/IP Stacks," 2 pgs., Copyright © 1994 Harvard Computer Society, Last modified: December 4, 1994 by web@hcs.harvard.edu ., http://hcs.harvard.edu/~hcr/94dec/whystacks.html , September 12, 2001.	

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